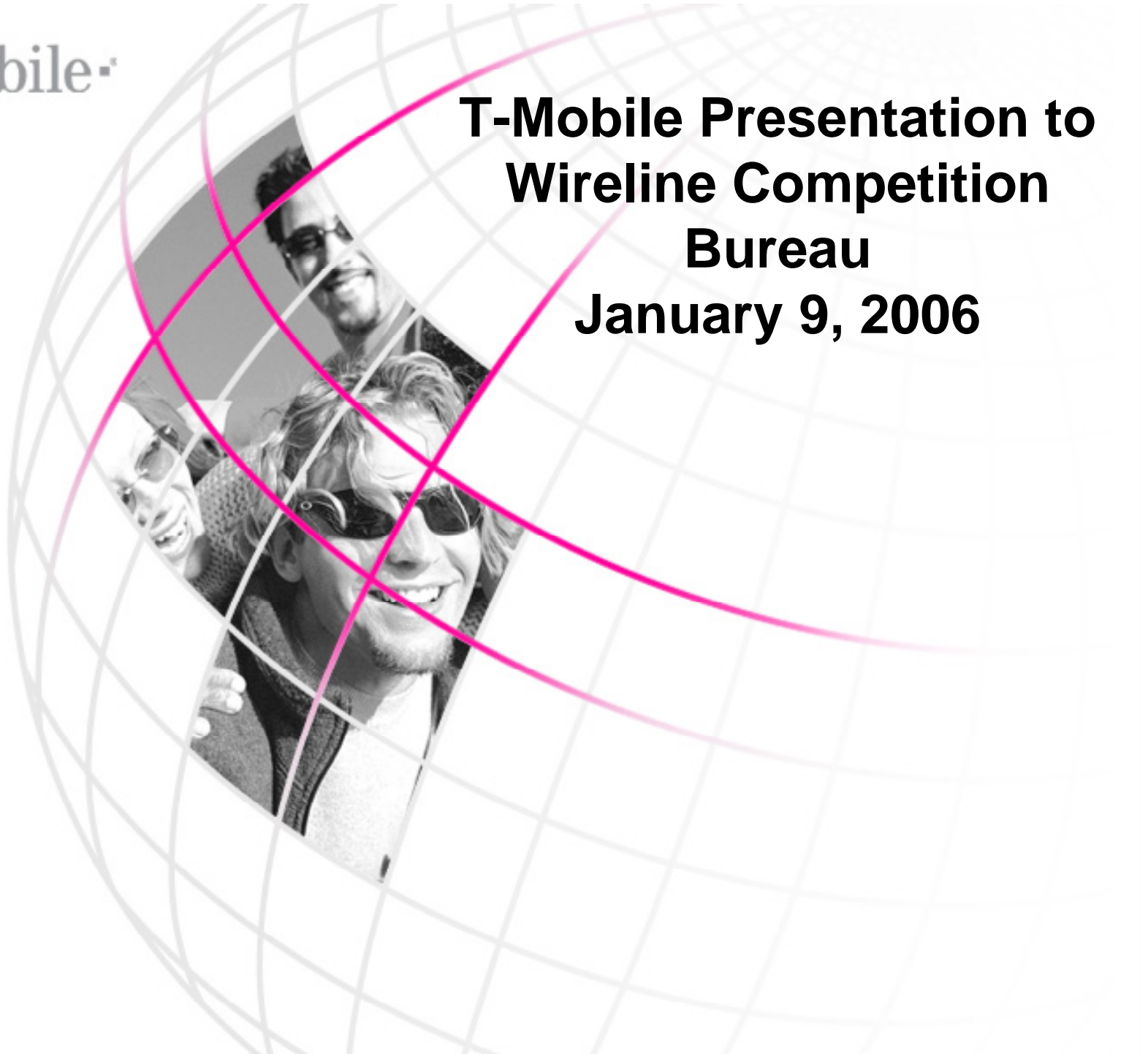
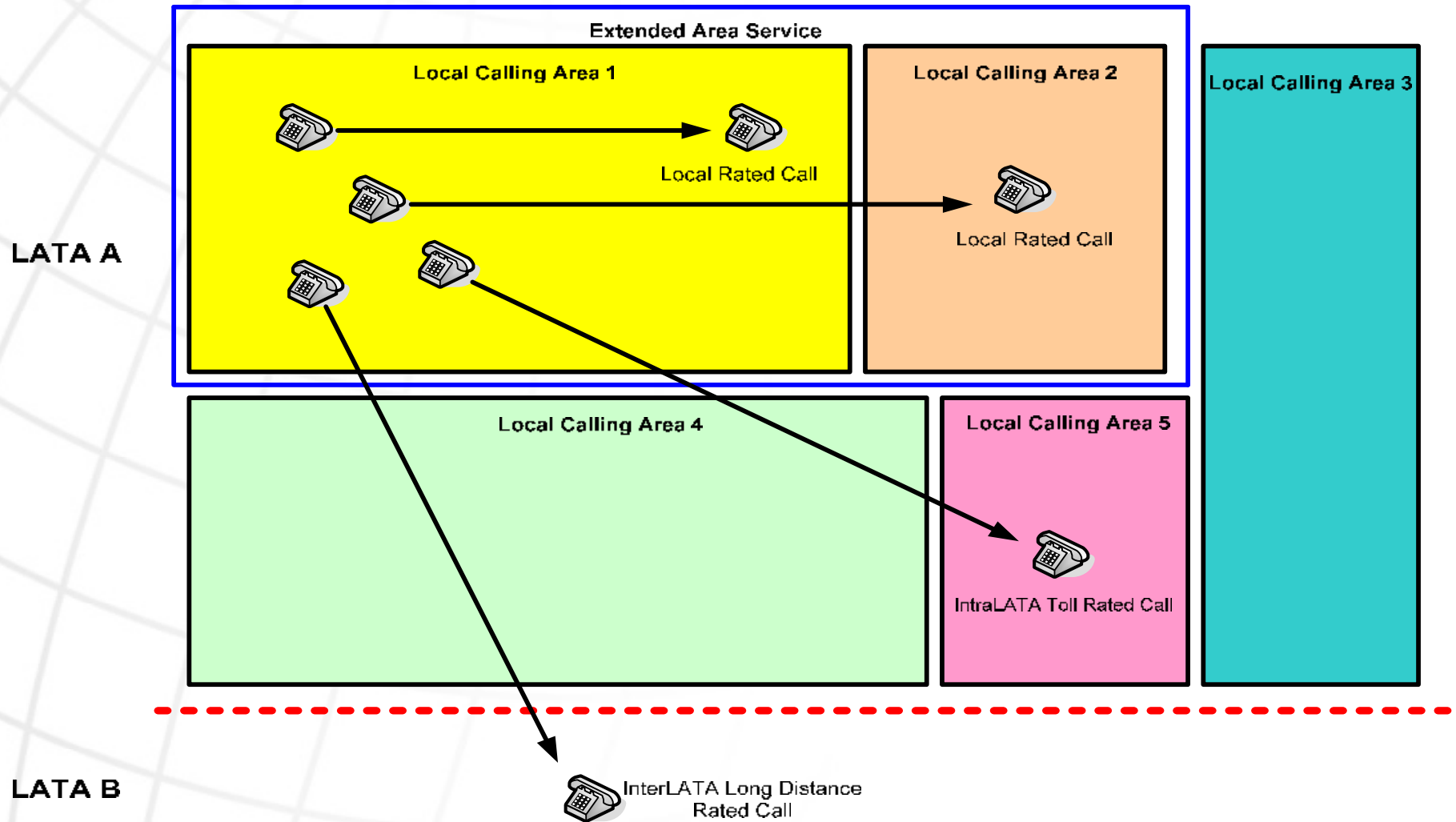




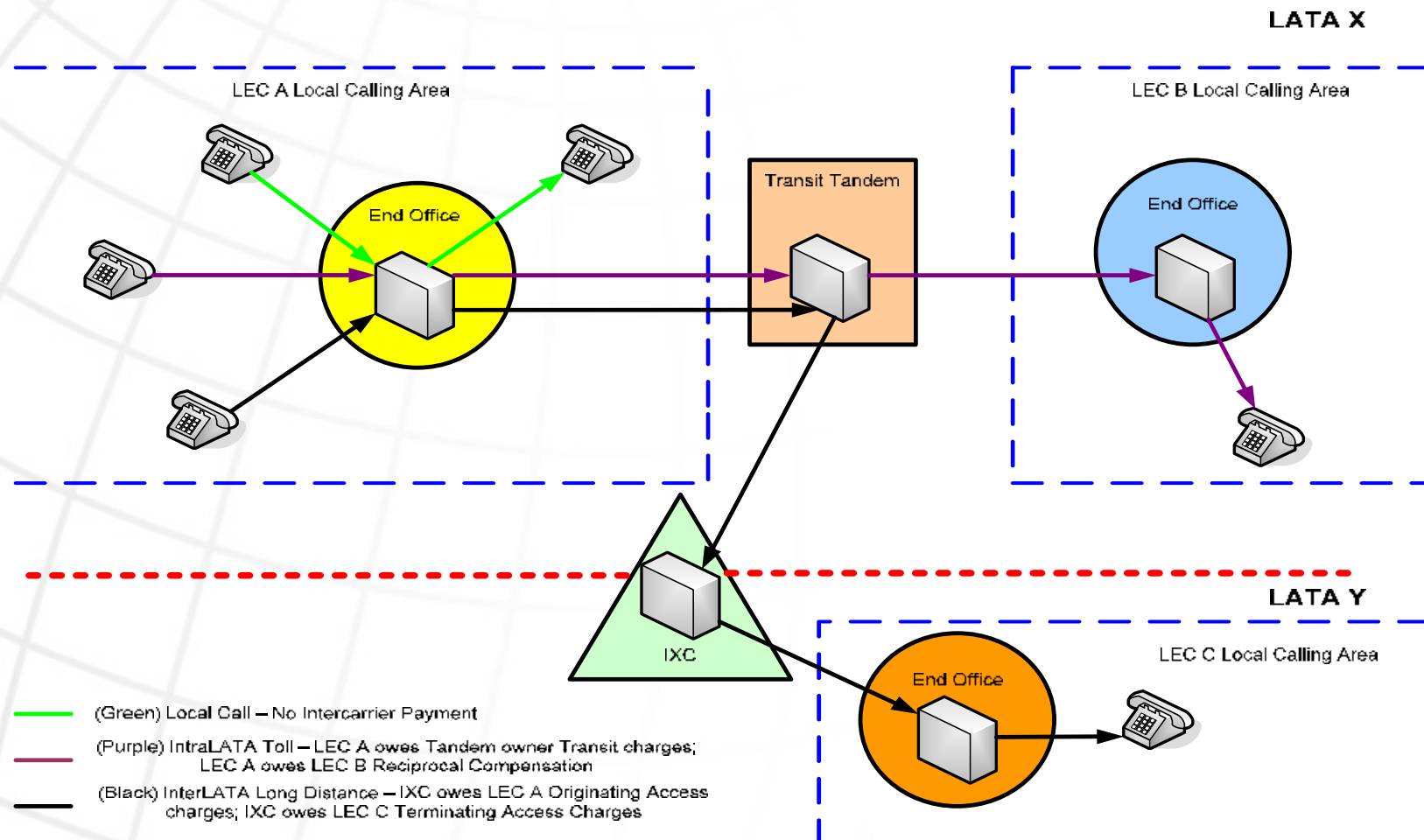
**T-Mobile Presentation to
Wireline Competition
Bureau
January 9, 2006**



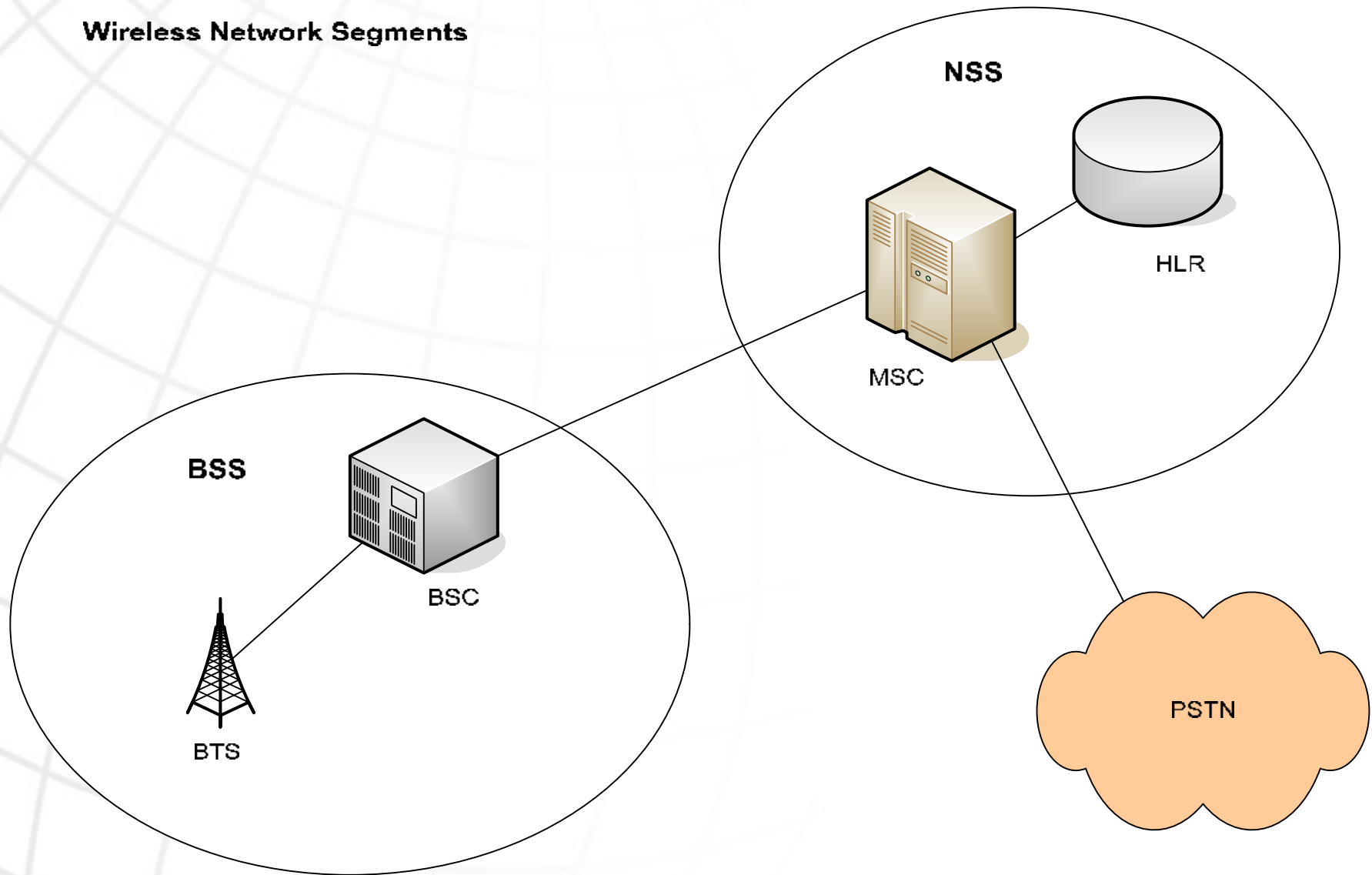
Landline Call Jurisdictions



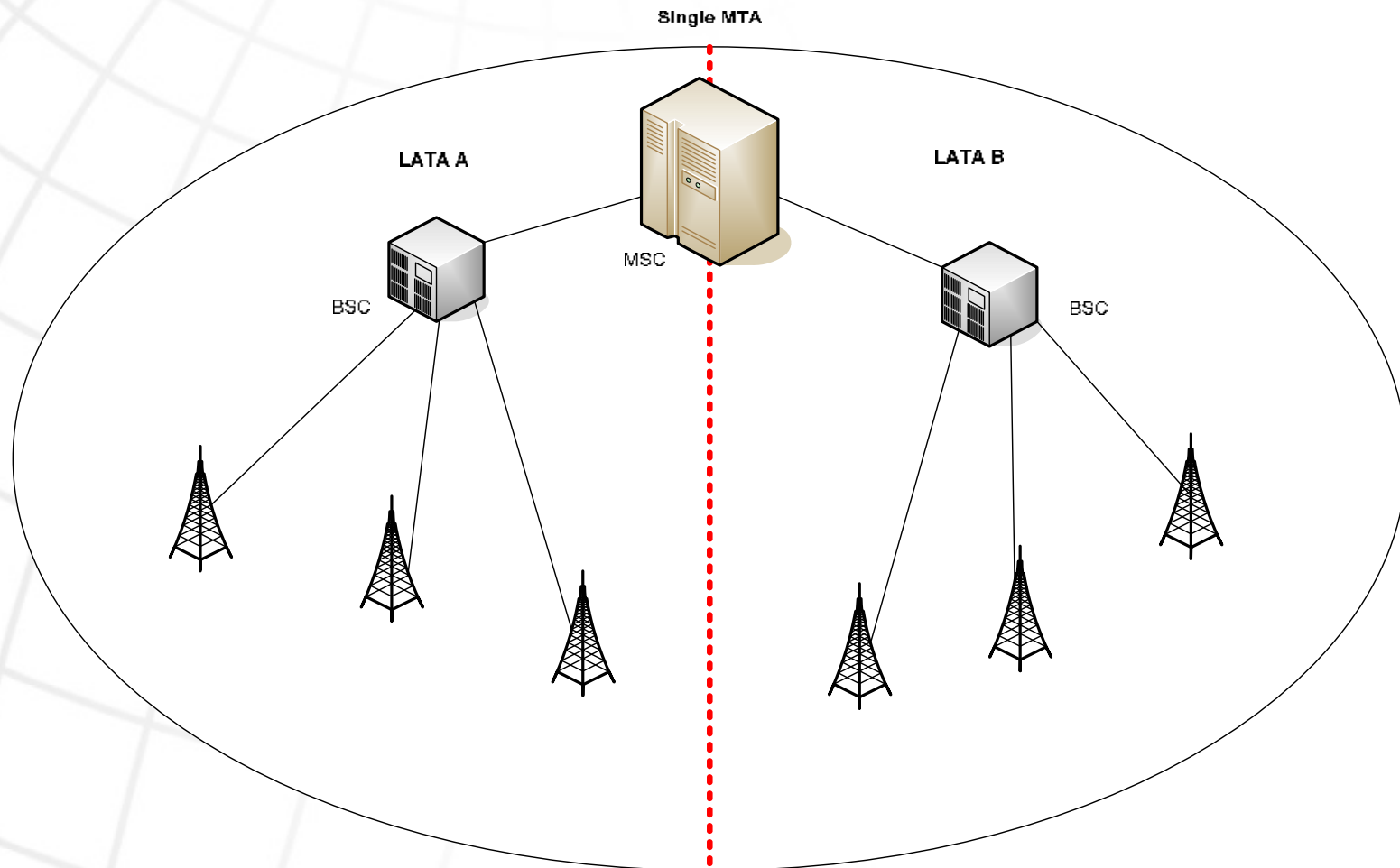
Landline to Landline Calling – Inter-carrier Payments



Wireless Network Segments

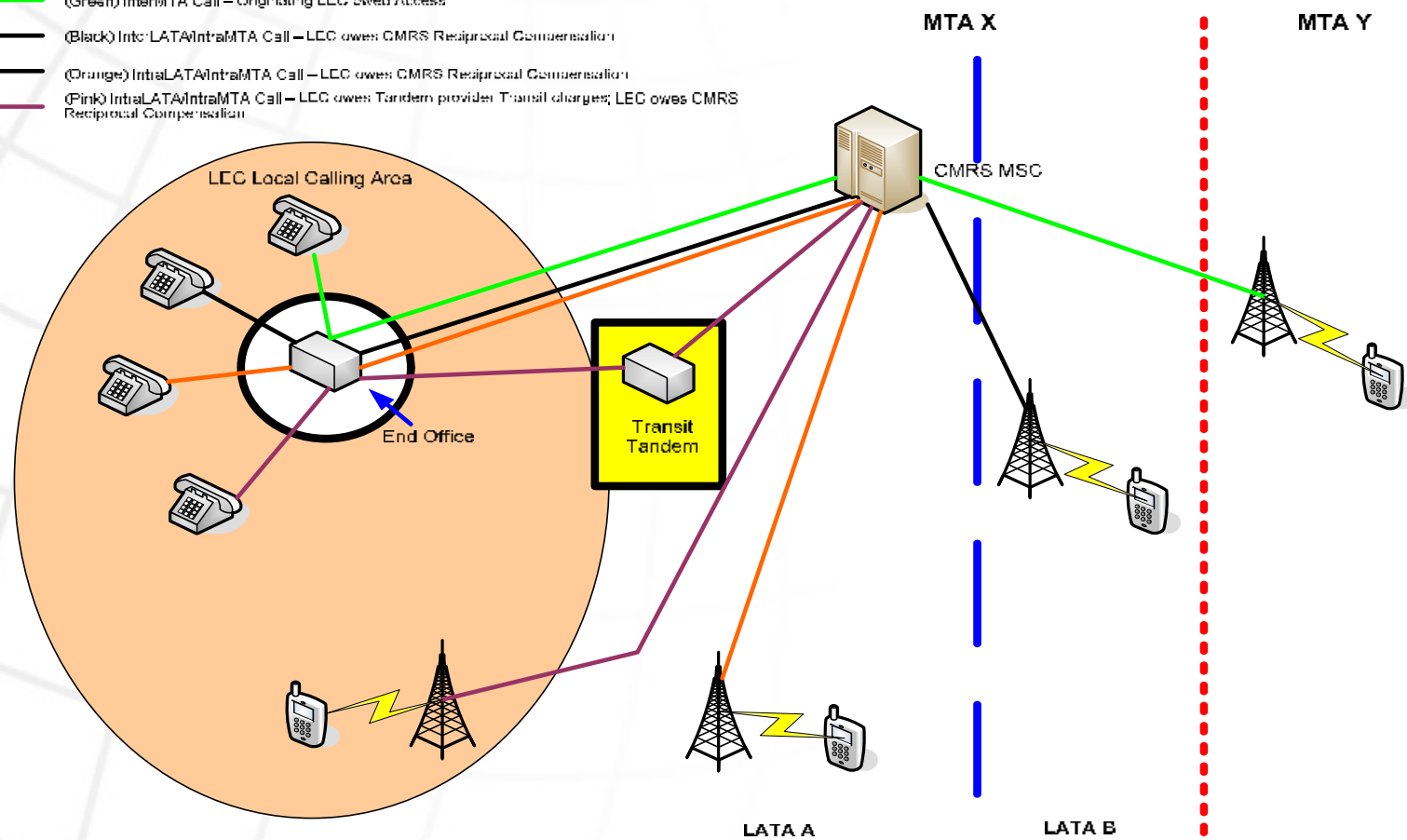


Basic CMRS Network Diagram

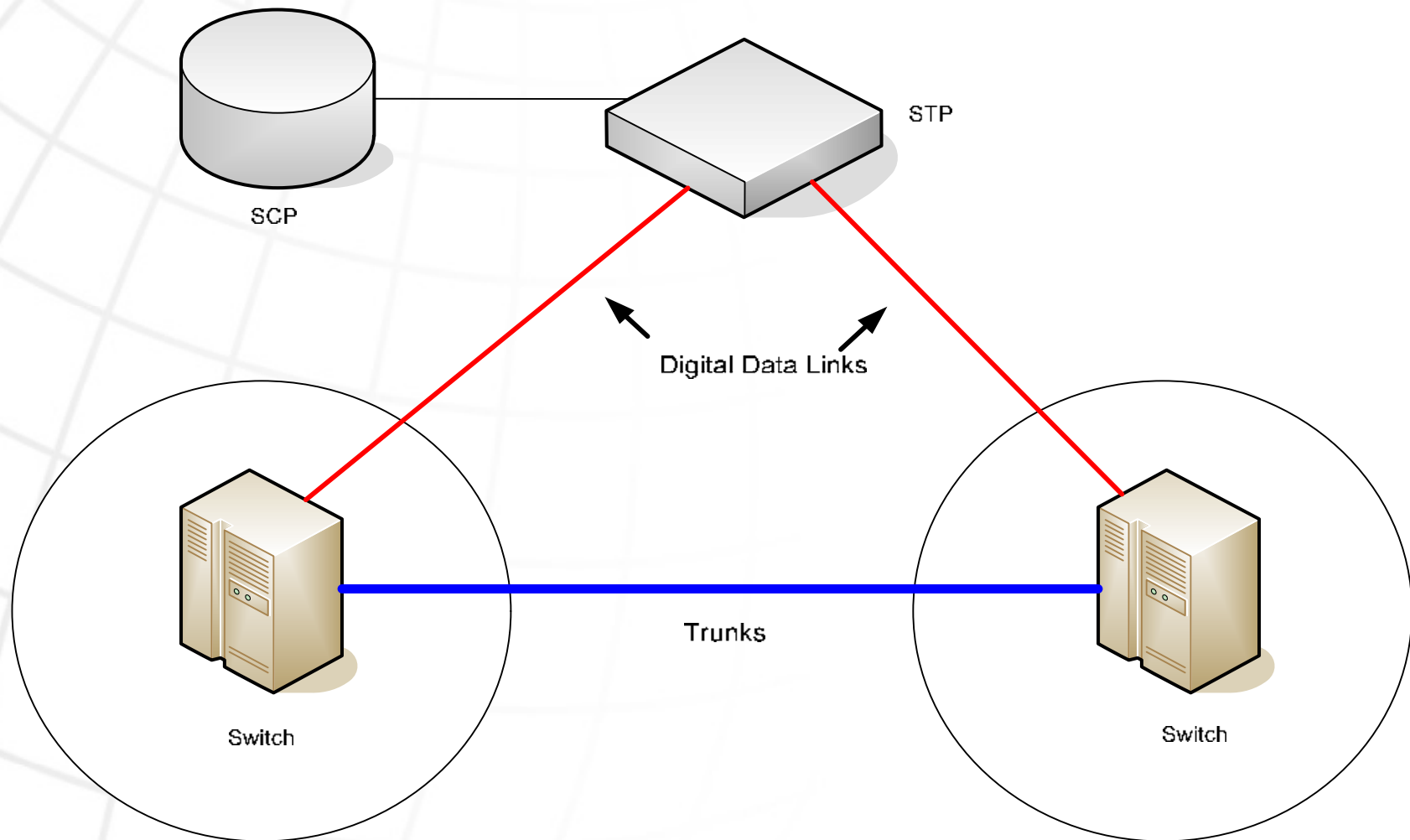


Landline to CMRS Calling – Intercarrier Payments

- (Green) InterMTA Call – Originating LEC owes Access
- (Black) IntraLATA/IntraMTA Call – LEC owes CMRS Reciprocal Compensation
- (Orange) InitialLATA/IntraMTA Call – LEC owes CMRS Reciprocal Compensation
- (Pink) InitialLATA/IntraMTA Call – LEC owes Tandem provider Transit charges; LEC owes CMRS Reciprocal Compensation



SS7 Network

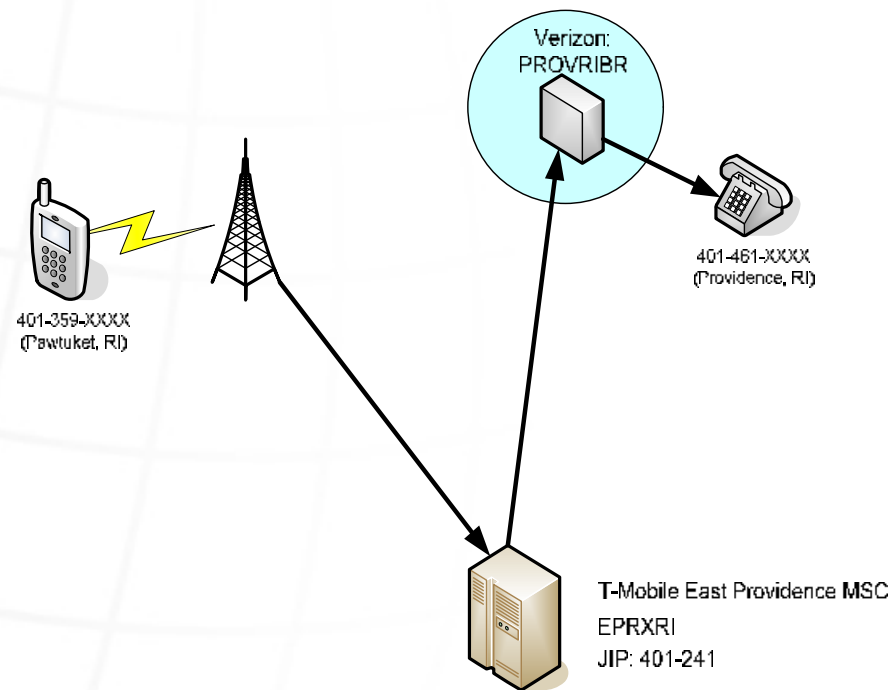


**Pawtuket Originated Mobile Phone Call to Providence Landline
(Mobile IntraMTA Call subject to Reciprocal Compensation)**

CPN/CN (401-359 to 401-461): IntraMTA – Reciprocal Compensation

JIP (401-241 to 401-461): IntraMTA – Reciprocal Compensation

MTA 8

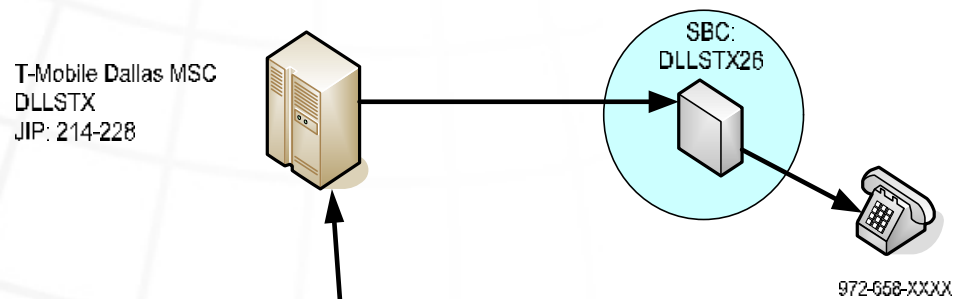


Little Rock, AR Originated Mobile Phone Call to Dallas, TX Landline
(Mobile InterMTA call subject to Interstate Access)

CPN/CN (501-442 to 972-658): InterMTA – Interstate Access

JIP (214-228 to 972-658): IntraMTA – Reciprocal Compensation

MTA 7



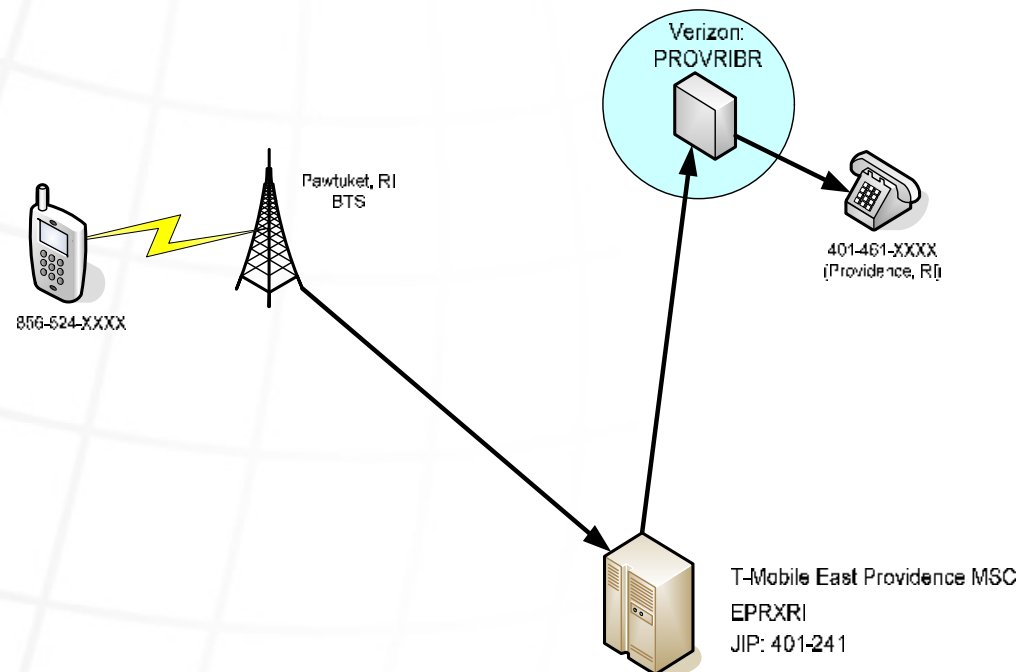
MTA 40



**Pawtucket Originated Mobile Phone Call to Providence Landline
(Mobile IntraMTA Call subject to Reciprocal Compensation)**

CPN/CN (856-524 to 401-461): InterMTA – Interstate Access
JIP (401-241 to 401-461): IntraMTA – Reciprocal Compensation

MTA 8

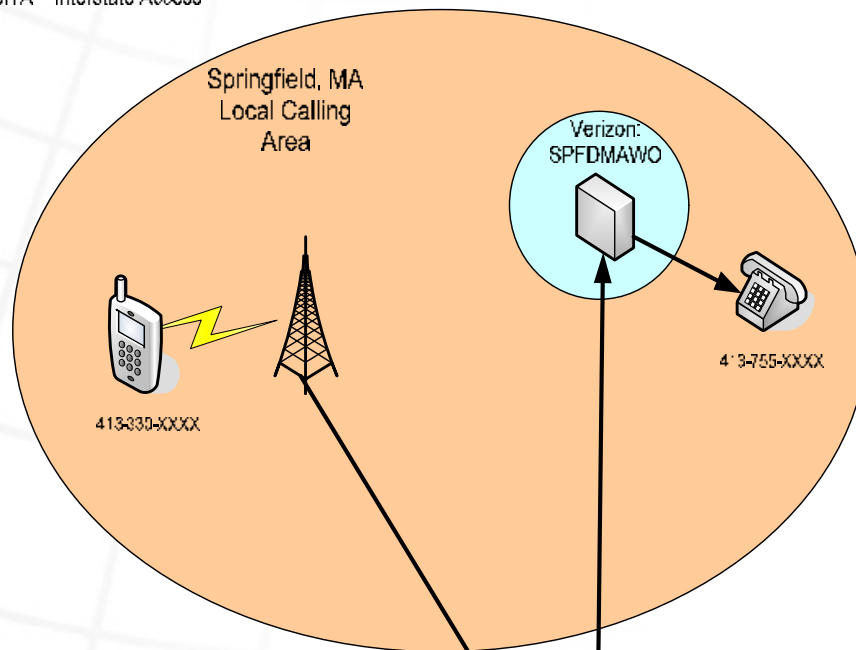


**Springfield Originated Mobile Phone Call to Springfield Landline
(Mobile IntraMTA Call subject to Reciprocal Compensation)**

CPN/CN (413-330 to 413-775): IntraMTA – Reciprocal Compensation

JIP (860-328 to 413-755): InterMTA – Interstate Access

MTA 8



MTA 1



T-Mobile Bloomfield MSC
BLFDCT
JIP: 860-328

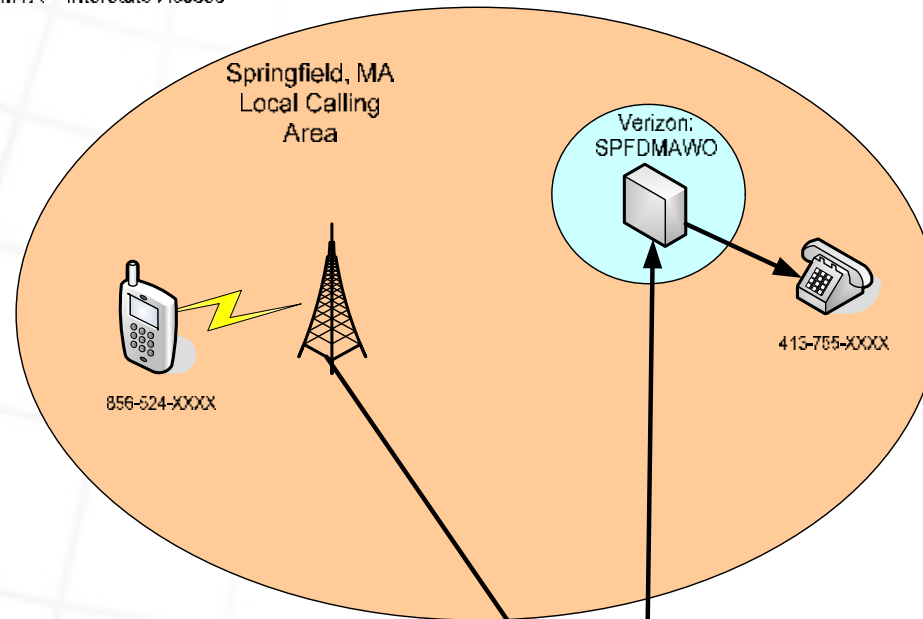


**Springfield Originated Mobile Phone Call to Springfield Landline
(Mobile IntraMTA Call subject to Reciprocal Compensation)**

CPN/CN (856-524 to 413-775): InterMTA – Interstate Access

JIP (860-328 to 413-755): InterMTA – Interstate Access

MTA 8



T-Mobile Bloomfield MSC
BLFDCT
JIP: 860-328

MTA 1

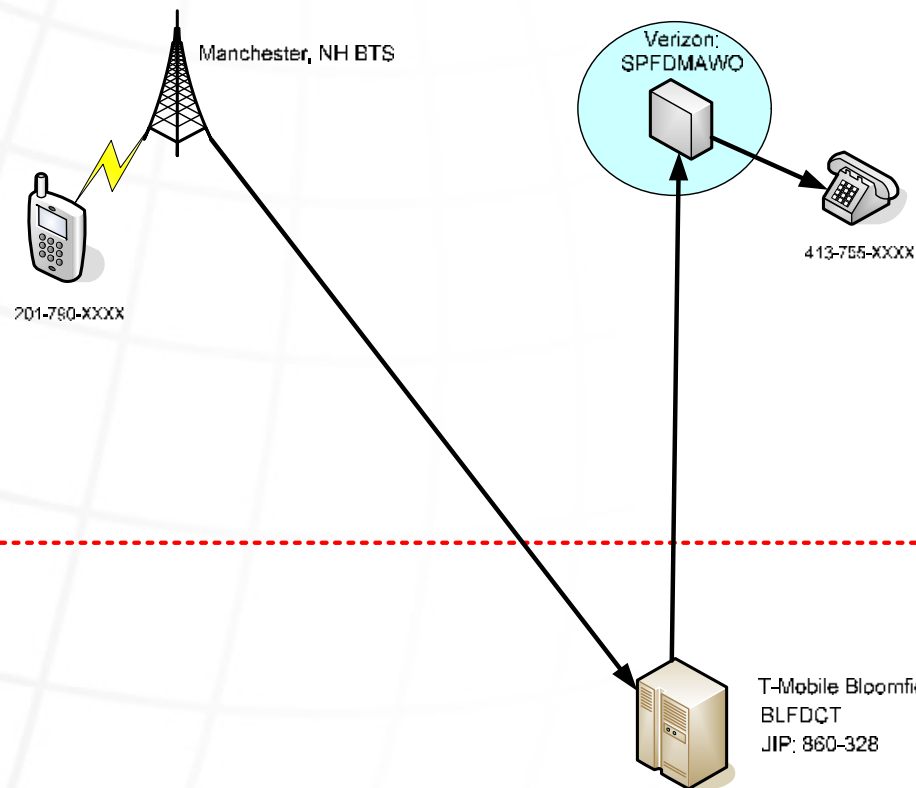


**Springfield Originated Mobile Phone Call to Springfield Landline
(Mobile IntraMTA Call subject to Reciprocal Compensation)**

CPN/CN (201-790 to 413-775): InterMTA – Interstate Access

JIP (860-328 to 413-755): InterMTA – Interstate Access

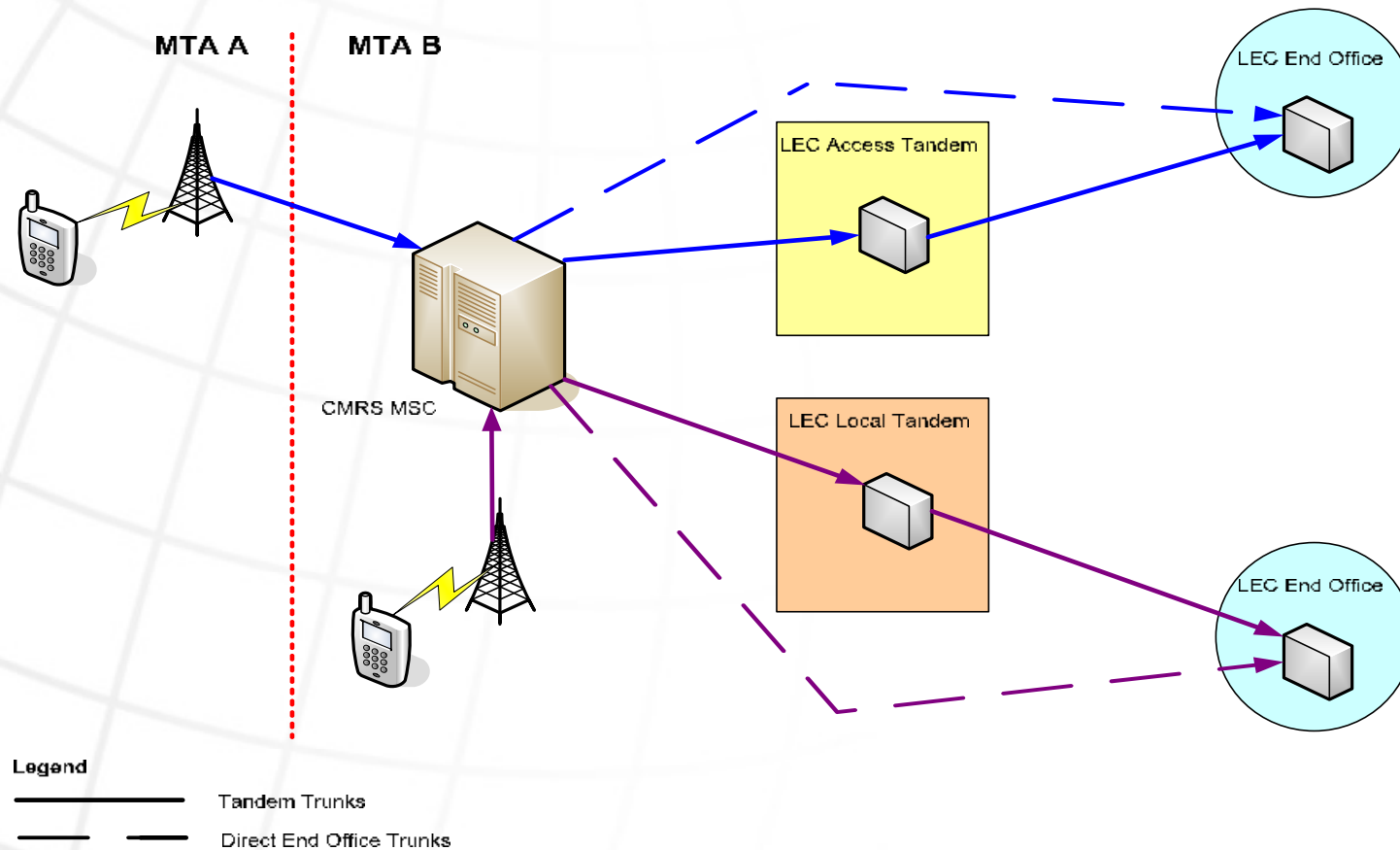
MTA 8



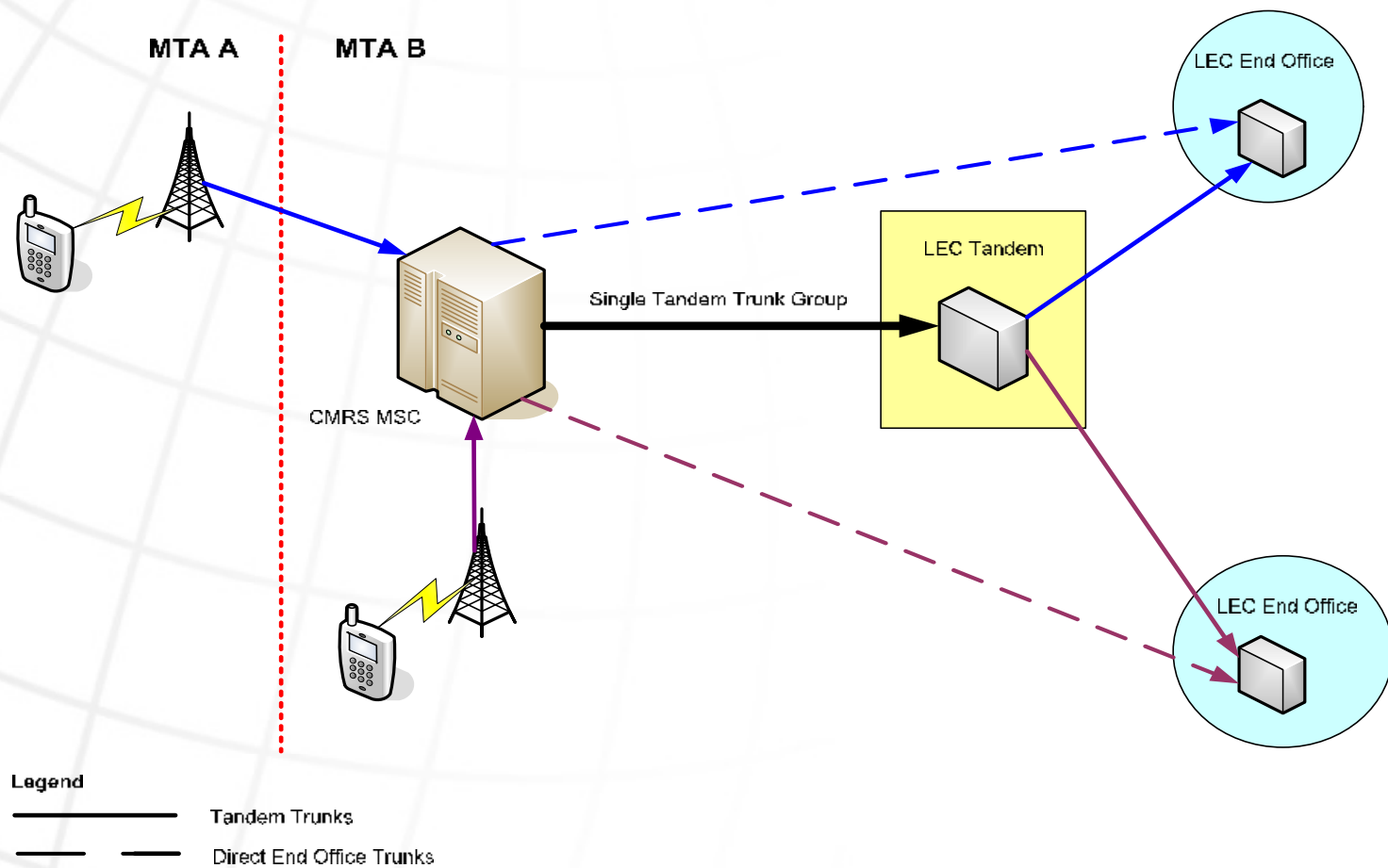
MTA 1



LERG Routing – CMRS Originated (Access and Local Tandem Architecture)



LERG Routing – CMRS Originated (Single Tandem Architecture)

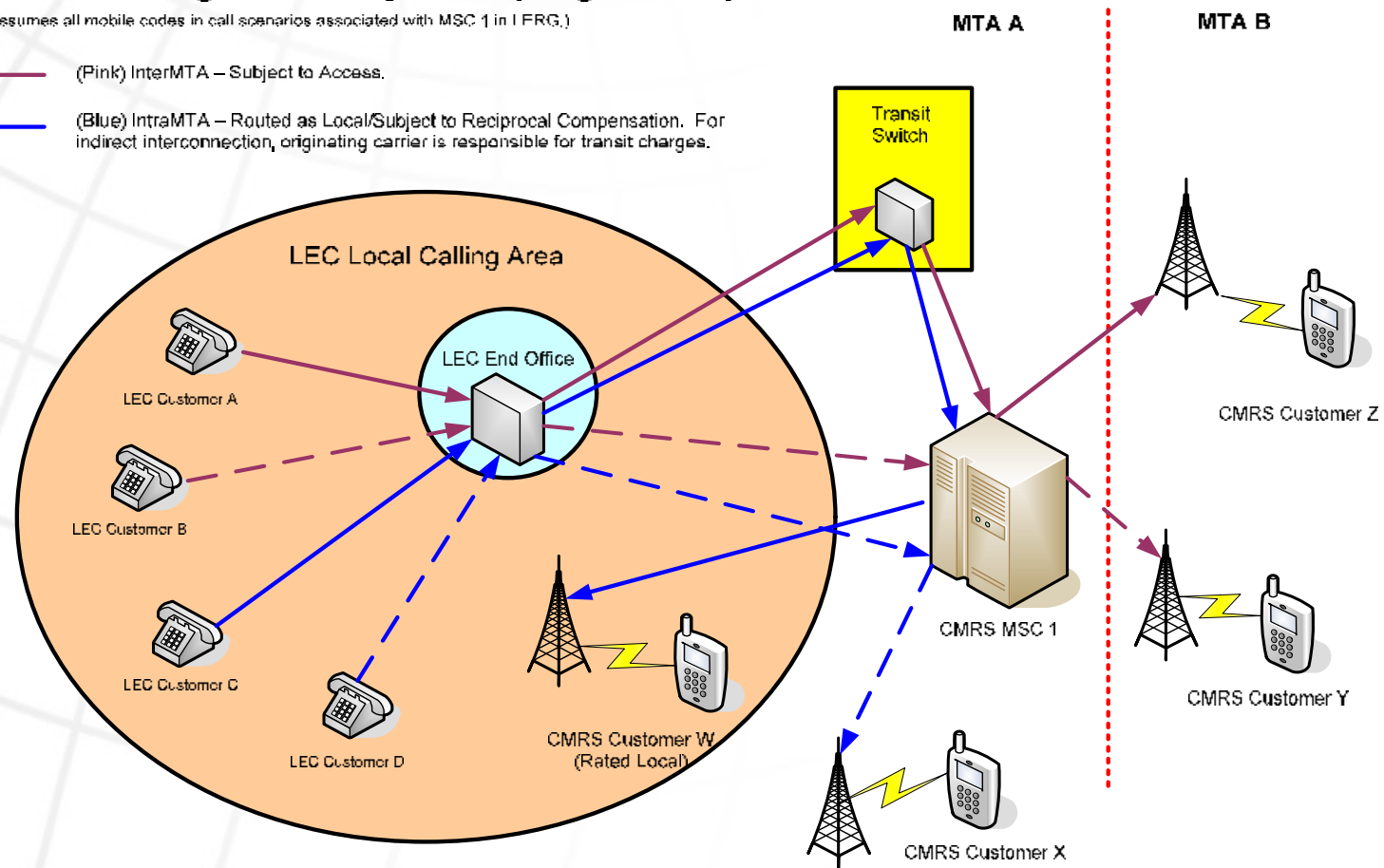


LERG Routing – LEC Originated (Single LATA)

(Assumes all mobile codes in call scenarios associated with MSC 1 in LERG.)

(Pink) InterMTA – Subject to Access.

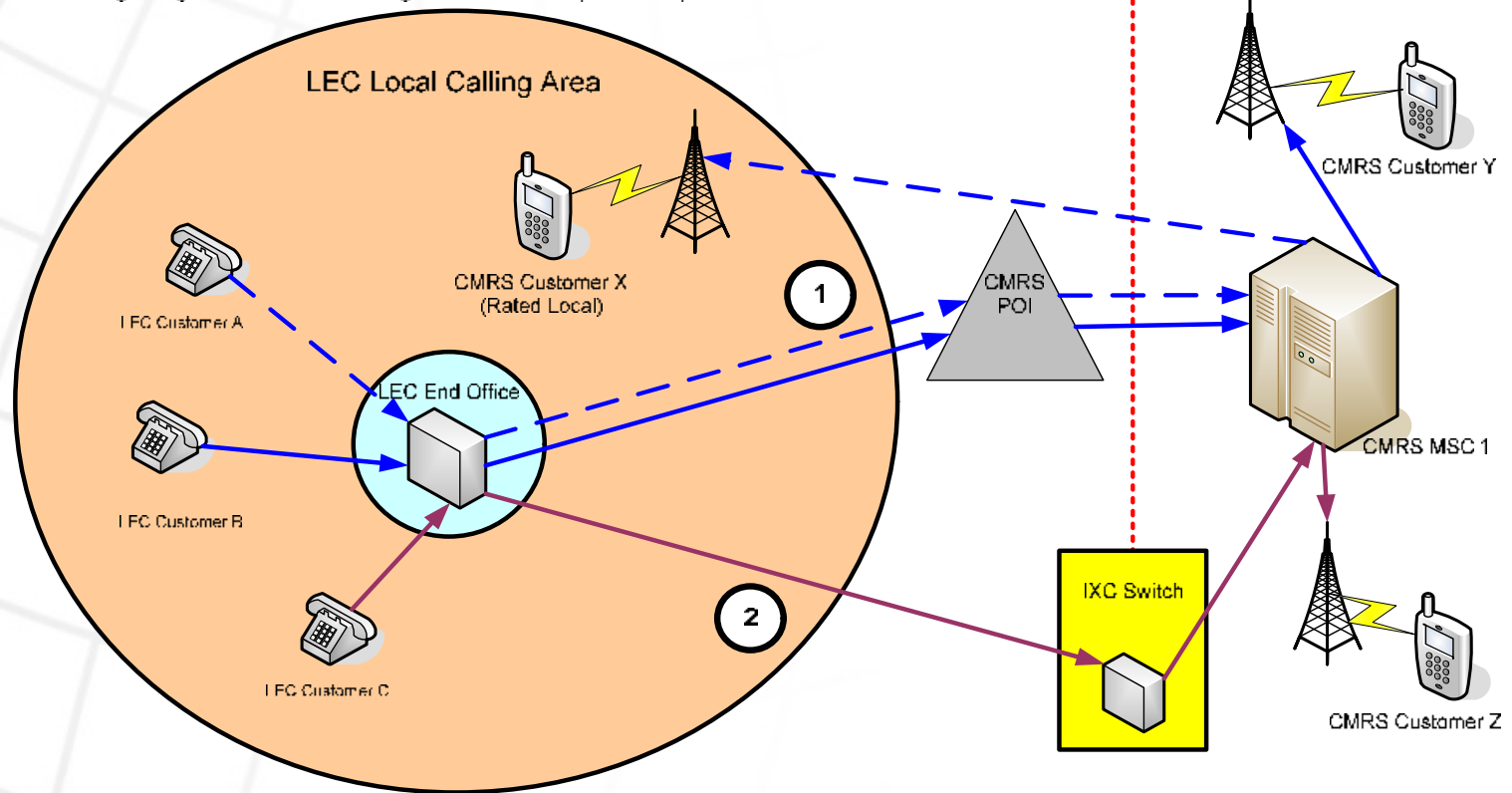
(Blue) IntraMTA – Routed as Local/Subject to Reciprocal Compensation. For indirect interconnection, originating carrier is responsible for transit charges.



LERG Routing – LEC Originated (Single MTA)

(Assumes all mobile codes in call scenarios associated with MSC 1 in LERG.)

- ① If a CMRS POI in originating LATA, call should be routed locally to in-LATA POI. Originating carrier owes terminating CMRS carrier reciprocal compensation.
- ② If CMRS carrier employs one POI in MTA and POI outside of originating LATA, call routed to IXC. Originating carrier owes terminating CMRS carrier reciprocal compensation.



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